

# OFFICIAL GAZETTE



## GOVERNMENT OF GOA

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Law (Legal and Legislative Affairs) Department

#### Notification

10-2-92/LA (Part)

The following Notification received from the Government of India, Ministry of Environment and Forests, New Delhi, is hereby published for general information of the public.

P. V. Kadnekar, Joint Secretary (Law).

Panaji, 16th May, 1994.

### MINISTRY OF ENVIRONMENT AND FORESTS

New Delhi, the 31st December, 1993

#### Notification

G. S. R. 801 (E). — In exercise of the powers conferred by Section 25 of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government hereby makes the following rules further to amend the Environment (Protection) Rules, 1986, namely:

1. (1) These rules may be called the Environment (Protection) Third Amendment Rules, 1993.

(2) They shall come into force from the date of their publication in the Official Gazette.

2. In the Environment (Protection) Rules, 1986,—

(a) In rule 3, in sub-rule (3A), in clause (i), for the words "industries, operations or processes shall", the words "industries, operations or processes other than those industries, operations or processes for which standards have been specified in Schedule I shall" shall be substituted.

(b) In Schedule I, after serial number 61 and the entries relating thereto, the following serial number and entries shall be added, namely,—

Sl. No.	Industry	Parameter	Standards
62.	Viscose Filament Yarn (sub-sector of man-made fibre semi-synthetic industry)	Effluents	(Concentration in mg/l except for pH)
		pH.	5.5 9.0
		Suspended solids	100
		BDD, at 20°C	30
		Zinc (as Zn)	5"

(c) Schedule II relating to rule 3, inserted vide No. G.S.R. 919(E), dated the 12th September, 1988 shall be omitted.

(d) in Schedule VI in Part-A,—

(i) serial numbers 4, 24, 25, 26, 28, 31 and 40 and the entries relating thereto shall be omitted.

(ii) in item 10 for the word "NH<sub>3</sub>" the letter "N" shall be substituted.

(iii) in item 11 for the word "NH<sub>3</sub>" the word "NH<sub>3</sub>" shall be substituted.

(iv) in item 12, for the word 'max' the words "mg/l max" shall be substituted.

(v) in item 14, for the word 'Mg' the word 'mg' shall be substituted.

(vi) in item 29, for the word 'Flouride' the word 'Flouride' shall be substituted.

(vii) in item 33, for the words "(as C<sub>2</sub>H<sub>5</sub>OH)" the words "(as C<sub>6</sub>H<sub>5</sub> OH)" shall be substituted;

(viii) under column 2 against serial number 34 (a) and 34 (b) for the words "Uc/ml" and "uc/ml", the words "micro curie/ml" and "micro curie/ml" shall be substituted.

(ix) Under column (c) at serial number 34(a) for the figure "10-7", the figure "10-6" shall be substituted.

(x) Under column (d) at serial number 34 (b) for the figure "10-7", the figure "10-6" shall be substituted.

(e) In Schedule VI, under Part-B,—

(i) against serial numbers 1, 2, 3, 4, 5, 6, 7, 8, 10 and 11 for the word "ton", the word "tonne" shall be substituted;

(ii) in items Nos. 1, 2, 3, 4(a), 5(a), 5(b), 6(i & ii), 7, 8, 10 and 11 (a & b), for the words "M<sup>3</sup>/ton" the words "m<sup>3</sup>/tonne" shall be substituted;

(iii) against serial number 3 for the item (a) (ii) and the entries relating thereto, the following items shall be substituted, namely:—

"(ii) Viscose Staple Fibre : 150 m<sup>3</sup>/tonne of product;

(iii) Viscose Filament Yarn: 500 m<sup>3</sup>/tonne of product";

(iv) in item 4(b), 4(c) and 9, for the words "m<sup>3</sup>/KL" the words "m<sup>3</sup>/KL" shall be substituted;

(v) in item 5(b), for the word "below", the word "blow" shall be substituted; and

(vi) in item 6(1) for the word "fiber", the word "fibre" shall be substituted.

(f) In Schedule VI, under Part C, —

(i) in lines 3 and 12 for the word "Kg" the word "kg" shall be substituted.

(ii) in line 10 for the word "MT" the word "tonne" shall be substituted.

(iii) in line 12, for the word "ton", the word "tonne" shall be substituted.

(g) in Schedule VI under Item I of Part-D relating to concentration based standards, —

(i) against serial number 1, for the words "Suspended Particulate Matter (SPM)", the words "Particulate Matter (PM)" shall be substituted;

(ii) against serial number 2, for the word "Fluoride", the words "Total Fluoride" and for the figure "10", the figure "25" shall be substituted;

(iii) against serial number 3, for the words and figure "4 Fibre/cc" the words and figure "4 Fibres/cc and dust should not be more than 2 mg/Nm<sup>3</sup>" shall be substituted;

(iv) serial numbers 7, 10 and 12 and the entries relating thereto shall be omitted;

(v) against serial number 9, for the word "1% tax" the word "1% max (v/v)" shall be substituted.

(vi) against serial number 11, under the column 3, for the words and figures "20 mg/Nm<sup>3</sup>", the words and figures "10 mg/Nm<sup>3</sup>" shall be substituted.

(h) in Schedule VI, under Item-II of Part-D relating to equipment based standards, —

(i) for the words "Control of Sulphur dioxide emissions are achieved through dispersion. Minimum stack height limit is accordingly prescribed as below", the words "For dispersal of sulphur dioxide, a minimum stack height limit is accordingly prescribed as below:" shall be substituted;

(ii) against serial number 1 for the word "meters" the word "metre" shall be substituted.

(iii) in item 1 (ii) for the word "T/hr", the word "tonne/hr" shall be substituted.

(iv) the entries against the item 1(ii) under heading "coal consumption per day" shall be omitted; and

(v) in the note—the words "MT-Metric tonnes" shall be omitted and for the word "metres" the word "metre" shall be substituted.

(i) in Schedule VI, under Item III of Part-D, —

(i) against serial number 1, for the word "Fertilisers", the word "Fertiliser", and for the word "SPM", the words "Particulate Matter (PM)" shall be substituted;

(ii) against serial numbers 1, 2, 3, 4, and 5 for the word "Kg/T" the word "kg/tonne" shall be substituted;

(iii) against serial number 2, for the words "Nine Smelting Converter", the words "Zinc Smelter Converter" for the figures and words "(100%) and produced" the words and figures "(100%) acid produced" and for the letter "T" the word "tonne" shall be substituted;

(iv) against serial number 7, for the words "PBSD — Pre backed Side Worked" the words "PBSD — Pre Backed Side Work" and for the words "PBCW — Pre backed Centre Worked" the words "PBCW — Pre Backed Centre Work" shall be substituted;

(v) against serial number 6(a) for the words "For the oil refineries located in the area of Taj trapezium which include Mathura, Fatehpur Sikri, Agra and Bharatpur, the following standards shall be applicable", the words "For the oil refineries, the following standards shall be applicable" shall be substituted;

(vi) against serial number 6(a), for the word "(Atmospheric)" the words "(Atmospheric plus vacuum)" and for the word "Kg/MT" the word "kg/tonne" shall be substituted;

(vii) serial number 6(b) and the entries relating thereto shall be omitted;

(j) in Schedule VI, Part-E, —

(i) against line 1, for the words "Free Field at one Meter)" the words "(Free Field Distance at 7.5 Metre)" shall be substituted;

(ii) in item B(b) for the word "collers" the word "coolers" shall be substituted.

(k) in Schedule VI in Annexure I, —

(i) against serial number 1 for the word "(BPT)", the word "(BAT)" shall be substituted;

(ii) in item No. 7 for the word "effluents" the word "effluents" shall be substituted;

(iii) against serial number 7, for the words "shall apply to all the effluents discharged such as industrial", the words "shall also apply to all other effluents discharged such as" shall be substituted;

(iv) under item 9(a) in 8th line for the word "characteristics", the word "characteristics" shall be substituted;

(v) in item 9(f) for the word "fr" the word "for" shall be substituted;

(vi) in item 10 at line 6 for the word "industries" the word "industries" shall be substituted;

(vii) serial number 11 and the entries relating thereto shall be omitted;

(viii) in item 12 for the word "fluoride" the word "fluoride" shall be substituted;

(ix) after entry No. 13 and the entries relating thereto, the following entries shall be inserted;

"14. The chemical oxygen demand (COD) concentration in a treated effluent, if observed to be persistently greater than 250 mg/l before

disposal to any receiving body (public sewer, land for irrigation, inland surface water and marine coastal areas), such industrial units are required to identify chemicals causing the same. In case these are found to be toxic as defined in the Schedule-I of the Hazardous Wastes (Management and Handling) Rules, 1989, the State Boards in such cases shall direct the industries to install tertiary treatment stipulating time limit.

15. Standards specified in Part A of Schedule VI for discharge of effluents into the public sewer shall be applicable only if such sewer leads to a secondary treatment including biological treatment system, otherwise the discharge into sewers shall be treated as discharge into inland surface waters."

(x) against item 9(c) for the words "BOD more than 30 mg/l" the words "BOD more than 3 mg/l" shall be substituted.

(1) in Schedule VI in Annexure II,—

(i) for item 3, the following shall be substituted, namely: "In case of copper, lead and zinc smelting, the off-gases may, as far as possible, be utilised for manufacturing sulphuric acid".

(ii) At the end of Annexure II, the following shall be added, namely:

"4. In case of cupolas (Foundries) having capacity (melting rate) less than 3 tonne/hour, the particulate matter emissions shall be within 450 mg/Nm<sup>3</sup>. In these cases it is essential that stack is constructed over the cupola beyond the charging door and the emissions are directed

through the stack, which should be at least six times the diameter of cupola. In respect of Arc Furnaces and Induction Furnaces, provision has to be made for collecting the fumes before discharging the emissions through the stack."

(iii) in serial number 1(j) the words "The measurements are to be conducted at least twice a month for all the 12 months in a year" shall be omitted.

(iv) in item 1 (a, b, c, d, e, f, g, h, i and j) for the word "NM<sup>3</sup>" the word "Nm<sup>3</sup>" shall be substituted.

(v) in item j, for the words "micrograms/NM<sup>3</sup>" the words "micrograms/Nm<sup>3</sup>" shall be substituted.

[No. Q. 15017/24/89-CPW]

T. GEORGE JOSEPH, Jt. Secy.

FOOT NOTE. — Principal rules were published in the Gazette of India vide Notification S. O. No. 844(E) dated the 19th November, 1986. Amending rules were published vide S.O. No. 433(E) dated 18-4-1987, S. O. No. 64(E) dated 18-1-1988, S. O. No. 12(E) dated 8-1-1990, S. O. No. 8(E) dated 3-1-1989, S. O. No. 190(E) dated 15-3-1989, G. S. R. 913(E) dated 24-10-1989, G. S. R. 742(E) dated 30-8-1990, S. O. No. 23(E) dated 16-1-1991, G. S. R. 93(E) dated 21-2-1991, G. S. R. 95(E) dated 12-2-1992, G. S. R. 329 (E) dated 13-3-1992, G. S. R. 475(E) dated 5-5-1992, G. S. R. 797(E) dated 1-10-1992, G. S. R. 386(E), dated 28-4-1993 and G. S. R. 422(E) dated 19-5-1993.